

Ac-4411(5)

LEXDEN AND WINSTREE RURAL DISTRICT COUNCIL

ANNUAL REPORT

MEDICAL OFFICER OF HEALTH

1968

Lexden Grange,
127 Lexden Road,
COLCHESTER,
Essex.

C O N T E N T S

	<u>Page</u>
Members of the Public Health Committee	1
Public Health Department Staff	2
Statistics and Social Circumstances of the Area	3
Extracts from Vital Statistics	4-7
General provisions of health services for the area	8-9
Meals on Wheels	10
Nurseries and Child Minders Regulation Act, 1948	10
Public Health Inspector's Report	11-25
Housing	11-12
Progress in Slum Clearance during 1968	13
Water and typical analyses	14, 15 and 16
Details of houses and population supplied with mains water	17
Sewerage	18
Atmospheric Pollution, Poultry Inspection and Meat Inspection	19
Meat and Other Foods	20
Food Premises and Food Condemned	21
Refuse Collection, Rodent Control, and Summary of Inspections made during 1968.	22
Factories Act, 1961	23-24
Offices, Shops and Railway Premises Act, 1963	25

LEXDEN & WINSTREE RURAL DISTRICT COUNCIL

LEXDEN GRANGE, 127, LEXDEN ROAD, COLCHESTER

TELEPHONE: COLCHESTER 77494

9th July 1969

To the Chairman and Members of the
Lexden and Winstree Rural District Council

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my report for 1968.

I have to thank the members of the Council and the
Council's staff for their assistance throughout the year.

I have the honour to be,
Your obedient Servant,

Sylvia Macmillan



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29730594>

LEXDEN AND WINSTREE RURAL DISTRICT COUNCIL

1968 - 1969

Chairman of the Council

Lt. Col. J. G. Round, D.L., J.P.

Vice-Chairman of the Council

Mr. J. E. Jackson

Clerk to the Council

D. S. MITCHELL, M.A. (Oxon)

PUBLIC HEALTH COMMITTEE

Chairman : Mrs. C. M. Cock

Vice-Chairman : Lt. Col. J. G. Round, D.L., J.P.

Mrs. A. Bevington Smith

Mr. P. A. Evans

Mrs. D. H. Komlosy

Mr. H. E. Theobald

Lt. Col. R. H. A. Lucas

Mr. G. F. C. Kemp

Mr. R. M. S. Neave

Mr. J. Jackson

Mr. R. W. R. Browning

Mr. C. J. Grant

Mrs. E. Polley

Maj. J. H. Charnock

Mr. R. J. Thomas

PUBLIC HEALTH DEPARTMENT STAFF

as at 31st December, 1968

Medical Officer of Health

SYLVIA MACMILLAN, M.R.C.S., L.R.C.P., M.B.B.S., D.P.H.

also Medical Officer of Health to the Wivenhoe Urban District Council, West Mersea Urban District Council, and Assistant County and School Medical Officer, Essex County Council.

Chief Public Health Inspector, Engineer and Surveyor

G. A. GRAVES, M.I.Mun.E.,

Additional Public Health Inspector and Assistant Surveyor

A. G. SADLER, A.R.S.H.,

Additional Public Health Inspectors

B. M. LOWEN, M.A.P.H.I.,

M. J. KING (from - 16.12.68.)

Technical Assistant

M. J. KING (to - 16.12.68.)

Council Offices,
Lexden Grange,
127 Lexden Road,
Colchester.

Telephone - Colchester 77494

LEXDEN AND WINSTREE RURAL DISTRICT COUNCIL

STATISTICS AND SOCIAL CIRCUMSTANCES OF THE AREA

GENERAL STATISTICS

Area of the District (acres)	66,584
Number of parishes	32
Estimated population (mid year)	27,920
Estimated population (mid year)(England and Wales)	48,593,000
Number of persons aged 65 and over (based on Registrar General's figure taken from 1961 Census.)	3,556
Rateable Value 31.3.69.	£891,883
Sum represented by a penny rate 1968/69	£3,600
Number of houses in the District	10,617
Number of houses owned by the Council	1,748

SOCIAL CONDITIONS

The district occupies an area partially surrounding the Borough of Colchester : its northern boundary is the River Stour, which separates it from Suffolk. South-east of Colchester its eastern boundary is the River Colne and the Blackwater Estuary.

While the district is still mainly rural, development is taking place rapidly in the ring of villages surrounding Colchester and these serve increasingly as dormitory areas for persons employed in the Town and in London.

The majority of the working population find employment outside the district mainly in Colchester and to an increasing extent in London.

EXTRACTS FROM VITAL STATISTICS

The population of the area continues to increase as it has done each year since 1958. During the previous decade 1948 - 1958 there was a steady decrease in population.

The birth rate increased last year as shown in the table. In 1957 it was 13.7, last year 24.2. More than twice the number of children were born than in 1957.

It can be seen from the table that the district's birth rate has remained markedly above that of the national average since 1962.

There is a slight increase in the death rate of 11.0 compared with 1967 when it was 9.7, but over the last ten years this rate has remained remarkably constant.

Coronary disease is still in the lead as a cause of death, there is an increase from 53 deaths in 1967 to 97 deaths from this cause in 1968.

There is an increase in the number of deaths from cancer of the lung. In 1967 the number was 9, and in 1968 there were 19.

Of people under 65 years old by far the most frequent cause of death is from coronary disease:-

1966

12

1967

14

1968

23

BIRTH STATISTICS

The following table gives the number of annual births in Lexden and Winstree and also the birth rates for the district compared with those for England and Wales from 1957 to 1968.

The Birth Rate is the number of live births per 1,000 mid year estimated population and the Rate referred to is adjusted for age structure to compare with the national rate.

BIRTH RATE

	Lexden and Winstree	England and Wales	Number of births in Lexden and Winstree
1957	13.7	16.1	267
1958	17.4	16.4	335
1959	16.8	16.5	328
1960	16.3	17.1	318
1961	17.0	17.4	337
1962	19.3	18.0	392
1963	21.6	18.2	438
1964	21.9	18.4	473
1965	24.5	18.0	556
1966	22.3	17.7	527
1967	23.0	17.2	553
1968	24.2	16.9	593

LIVE BIRTHS

Total No. of live births	593
Legitimate	561
Illegitimate	32

Live birth rate per 1,000 estimated resident population	21.2
Comparability factor for the district	1.14
Live birth rate per 1,000 population (corrected)	24.2
Live birth rate per 1,000 for England and Wales	16.9
Ratio of local adjusted birth rate to national rate	1.43
Illegitimate live births (as % of total live births)	5.4

STILL BIRTHS

Total number of still births	10
Still birth rate per 1,000 total (live and still) births	17
Still birth rate per 1,000 total (live and still) births England and Wales	14

TOTAL NUMBER OF LIVE AND STILL BIRTHS 603

INFANT MORTALITY

Deaths of infants under one year of age

Infant Mortality (number of deaths under 1 year of age)	10
Infant Mortality Rate (Total infant deaths per 1,000 total live births)	17.0
Infant Mortality Rate England and Wales	18.0
Illegitimate infant deaths under 1 year of age	1
Legitimate infant deaths per 1,000 legitimate live births	5.3
Illegitimate infant deaths per 1,000 illegitimate live births	31.2
Neonatal Mortality Rate (Deaths under 4 weeks old per 1,000 total live births)	17
Neonatal Mortality Rate England and Wales	12.3
Early Neonatal Mortality Rate (Deaths under 1 week old per 1,000 total live births)	15.2
Early Neonatal Mortality Rate England and Wales	10.5
Perinatal Mortality Rate (Stillbirths and deaths under 1 week old combined per 1,000 live and still births)	32
Stillbirths and deaths under 1 week old combined per 1,000 live and still births England and Wales	25

Maternal Mortality (including abortion) -	
Number of deaths	0
Maternal Mortality Rate (Maternal deaths per 1,000 total live and still births)	0

DEATH RATE

Death rate per 1,000 estimated resident population	14.3
Comparability figure	0.77
Corrected death rate	11.0
England and Wales	11.9
Ratio of local adjusted death rate to national rate	0.93

DEATHS IN THE VARIOUS AGE GROUPS

Total deaths in the area - 400

<u>Age</u>	<u>Number of Deaths</u>
Under 1 week	9
1 week - 4 weeks	1
4 weeks - 1 year	0
1 - 5 years	1
5 - 15 years	3
15 - 25 years	2
25 - 35 years	4
35 - 45 years	3
45 - 55 years	14
55 - 65 years	46
65 - 75 years	111
75 and over	206
	<u>400</u>

CAUSES OF DEATH

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Other Tuberculosis	1	-	1
Malignant Neoplasm - Stomach	2	2	4
Malignant Neoplasm - Lung, Bronchus	14	5	19
Malignant Neoplasm - Breast	-	14	14
Malignant Neoplasm - Uterus	-	2	2
Leukaemia	3	2	5
Other Malignant Neoplasms, etc.	18	7	25
Diabetes Mellitus	-	4	4
Other Endocrine etc. Diseases	-	1	1
Anaemias	-	3	3
Other Diseases of Nervous System, etc.	1	1	2
Chronic Rheumatic Heart Disease	1	6	7
Hypertensive Disease	5	9	14
Ischaemic Heart Disease	62	35	97
Other Forms of Heart Disease	11	11	22
Cerebrovascular Disease	14	31	45
Other Diseases of Circulatory System	7	6	13
Influenza	3	6	9
Pneumonia	11	15	26
Bronchitis and Emphysema	16	4	20
Other Diseases of Respiratory System	2	2	4
Peptic Ulcer	3	1	4
Intestinal Obstruction and Hernia	3	4	7
Other Diseases of Digestive System	1	3	4
Nephritis and Nephrosis	1	2	3
Hyperplasia of Prostate	1	-	1
Other Diseases, Genito-Urinary System	1	-	1
Diseases of Skin, Subcutaneous Tissue	-	1	1
Diseases of Musculo-Skeletal System	-	1	1
Congenital Anomalies	1	2	3
Birth Injury, Difficult Labour etc.	1	-	1
Other Causes of Perinatal Mortality	1	3	4
Symptoms and Ill-Defined Conditions	8	17	25
Motor Vehicle Accidents	2	2	4
All Other Accidents	1	2	3
Suicide and Self-Inflicted Injuries	1	-	1
	<u>196</u>	<u>204</u>	<u>400</u>

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

LABORATORY FACILITIES

The laboratories available are situated at:

The Essex County Hospital

The Public Health Laboratory, Woodbridge Road, Ipswich.

AMBULANCE

Non-emergency calls are not accepted from the General Public.

To obtain an ambulance in an emergency lift the telephone receiver and ask for an ambulance. If there is a dialling system in operation, dial 999 or 100 and ask for an ambulance.

HEALTH SERVICES PROVIDED BY THE ESSEX COUNTY COUNCIL

Ante-natal and post-natal clinics

Midwives

Nursing in the home

Health Visiting

Mental Welfare

Home Helps

Chiropody

Vaccination and Immunisation against Diphtheria, Whooping Cough, Poliomyelitis, Tuberculosis, Tetanus & Measles.

Provision of nursing equipment and apparatus

School Health Service

Womans Welfare Clinic is held at the Central Clinic, East Lodge Court, High Street, Colchester, at 10 a.m. on 1st and 3rd Thursday.

Relaxation and Mothercraft Classes are also held at the Central Clinic, East Lodge Court, High Street, Colchester, on Tuesdays at 10 a.m. and on Wednesdays, Thursdays, and Fridays at 2.30 p.m.

Infant Welfare Clinics are held in the following villages :

TIPTREE - Health Services Clinic, Church Road, Tiptree. (All services)
Tel. Tiptree 6475

LAYER DE LA HAYE - Second Thursday at the Women's Institute at 2 p.m.
Chiropodist - 3rd Thursday at 2 p.m.

ROWHEDGE - First and Fourth Thursdays at the Pavilion, Rectory Road,
at 2 p.m.

ABBERTON - Second Tuesday at the Village Hall at 2 p.m.

STANWAY - Each Tuesday at the Village Hall at 2 p.m.

DEDHAM - Fourth Thursday at the Hewitt Hall at 2 p.m.
Chiropodist - 1st and 3rd Thursdays at 2 p.m.

WEST BERGHOLT - Second and Fourth Tuesdays at the Orpen Hall at 2 p.m.

BOXTED - Last Wednesday at the Methodist Church Hall at 2 p.m.

EIGHT ASH GREEN - Second and Fourth Mondays at the Village Hall at 2 p.m.

GREAT TEY - Third Tuesday at the Village Hall at 2 p.m.

MARKS TEY - Third Wednesday at the Village Hall at 2 p.m.

COPFORD - Fourth Thursday at the Village Hall at 2 p.m.

Assistance from the Home Help Service is obtained by communicating with the Area Organiser, Area Health Offices, East Lodge Court, Colchester.
Telephone - Colchester 79411/9.

HEALTH SERVICES PROVIDED BY THE REGIONAL HOSPITAL BOARD

Tuberculosis

The Chest Clinic is situated at St. Mary's Hospital, Popes Lane, Colchester, and is open daily.

V.D.

Sessions are held at the Essex County Hospital on Mondays, 5 p.m. to 7 p.m. for males and females. Fridays 2 p.m. to 4 p.m. for males and females.

FAMILY PLANNING

Health Service Clinic, East Lodge, High Street, Colchester.
and Monkwick Health Clinic, Queen Elizabeth Way, Colchester.

Family Planning Association - Mondays and Tuesdays (except those following Bank Holidays) between 6.00 p.m. and 7.30 p.m.
and at Monkwick Clinic, Fridays 10. - 11.30 a.m.
and Wednesdays 9.45 a.m. - 12 noon.

NATIONAL ASSISTANCE (AMENDMENT) ACT

No action was necessary.

MEALS ON WHEELS

This service is carried out by the W.R.V.S. and financially aided by the Rural District and County Council. Table I shows that nearly 500 more meals were served in 1967 than in 1966, and that almost 1,000 more were served in 1968 than in 1967.

TABLE I

	<u>1966</u>	<u>1967</u>	<u>1968</u>
1st Quarter	1552	1895	1874
2nd Quarter	1418	1813	1952 *
3rd Quarter	1500	1360	1794
4th Quarter	1821	1719	2089 *
	<u>6291</u>	<u>6787</u>	<u>7709</u>

* These figures are the highest since the service started.

Table II shows the number of meals each parish concerned served in 1967 and 1968. There are no comparable figures available for 1966, owing to a change of Organiser.

TABLE II

	<u>1967</u>	<u>1968</u>
Rowhedge	1497	2262
Tiptree	1348	1536
Stanway	1263	1629
West Bergholt	1242	818
Dedham	960	849
Laver-de-la-Haye	495	615

The Service is able to provide meals for nearly all cases where they are actually wanted with a few exceptions.

A tribute should be paid to the devoted work done by the W.R.V.S. teams and their Organisers.

PRE-SCHOOL PLAY GROUPS FOR CHILDREN FROM 2½ to 5 YEARS OLD AND CHILD MINDERS

REGISTERED UNDER NURSERIES AND CHILD MINDERS REGULATION ACT, 1948

PLAY GROUPS (The number has increased during the year by four):-

	<u>No. of</u> <u>Children</u>	<u>No. of</u> <u>Sessions</u>		<u>No. of</u> <u>Children</u>	<u>No. of</u> <u>Sessions</u>
Peldon	20	2	Wakes Colne	20	2
Rowhedge	20	2	Marks Tey	30	2
Stanway	30	2	West Bergholt	15	4
Tiptree	35	7	West Bergholt	20	2
Tiptree	20	2	Chappel	10	5
Tiptree	10	4	Dedham	6	5
Eight Ash Green	20	2	Langham	8	3

CHILD MINDERS: There are now so many of these and the number is increasing so rapidly that no useful purpose would be served by enumerating them.

PUBLIC HEALTH INSPECTOR'S REPORT

The Chairman and Members of the Lexden and Winstree Rural District Council

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my report of work carried out during the year ending 31st December, 1968.

HOUSING

The total number of houses built by private enterprise within the district decreased during the year to 226. This decrease is probably due to the restrictions imposed under the Planning Acts.

The number of Council owned dwellings built during the year was 21.

The number of houses improved with the aid of Discretionary and Standard Grants is once again at a satisfactory level.

Steady progress was maintained in dealing with unfit houses and in particular with inspecting houses as and when they became vacant as this is undoubtedly the most advantageous time to require improvement and repair.

The present housing record cards are largely based on a survey carried out in 1946/47 with amendments where re-inspections have been made, and consequently a resurvey of properties was commenced during 1967, and it is hoped that the whole of the district will be covered by this survey within the next two years.

HOUSING STATISTICS FOR 1968

1.	Number of permanent dwellings in this district at 31st December, 1968.	10,617
2.	Number of Council owned dwellings in the district at 31st December, 1968.	1,748
3.	Inspection of dwellings during the year:-	
	(i) Inspected for housing defects under Public Health Acts.	459
	(ii) Inspected for housing defects under Housing Acts.	611
	(iii) Number of dwellings found to be in need of repair or lacking essential amenities.	505
4.	<u>Unfit houses made fit and houses in which defects were remedied.</u>	
	(i) After informal action by Local Authority.	254
	(ii) After formal notice under the Public Health Acts.	NIL
	(iii) After formal notice under the Housing Acts.	NIL
5.	Number of houses demolished during 1968.	64
	Number of houses closed during 1968.	11
6.	Number of houses erected by private enterprise.	226
	Number of Council houses completed.	21
7.	Applications approved for Discretionary Improvement Grants.	9
	Applications approved for Standard Improvement Grants.	70

PROGRESS IN SLUM CLEARANCE DURING 1968

	Total No. Cat.5 houses 1.1.68.	Proper- ties down graded to Cat. 5 in 1968	Houses demo- lished in 1968	Houses made fit in 1968	Total Cat.5 houses 31.12. 68.	Houses subject to demo- lition Orders or Closing Orders	Houses subject to under- taking	Listed Cat.5 houses still to be dealt with	Listed Cat.5 houses still occupied
Abberton	2	Nil	Nil	Nil	2	Nil	1	1	1
Aldham	2	Nil	1	Nil	1	Nil	1	Nil	Nil
Bergholt, West	18	Nil	4	Nil	14	1	4	9	2
Birch	6	3	Nil	2	7	Nil	3	4	2
Boxted	5	Nil	2	1	2	2	Nil	Nil	Nil
Chappel	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Colne, Wakes	18	Nil	3	1	14	3	5	6	2
Copford	5	Nil	1	Nil	4	2	1	1	1
Dedham	22	1	3	1	19	11	1	7	4
Donyland, East	5	1	Nil	2	4	2	Nil	2	2
Eight Ash Green	4	1	Nil	1	4	2	Nil	2	1
Fingringhoe	4	Nil	2	Nil	2	1	Nil	1	1
Fordham	4	Nil	Nil	Nil	4	3	Nil	1	Nil
Horkesley, Gt.	6	2	3	2	3	1	Nil	2	1
Horkesley, Lt.	1	Nil	Nil	Nil	1	Nil	1	Nil	Nil
Langenhoe	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Langham	7	Nil	4	Nil	3	Nil	1	2	2
Layer Breton	6	2	4	Nil	4	2	2	Nil	Nil
Layer-de-la-Haye	10	3	Nil	Nil	13	5	3	5	5
Layer Marney	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Mersea, East	1	Nil	Nil	Nil	1	Nil	Nil	1	1
Messing cum Inworth	7	Nil	1	Nil	6	3	2	1	1
Mount Bures	1	2	2	1	Nil	Nil	Nil	Nil	Nil
Peldon	5	Nil	3	1	1	Nil	Nil	1	1
Salcot & Virley	4	Nil	Nil	Nil	4	Nil	Nil	4	1
Stanway	14	3	Nil	Nil	17	3	4	10	6
Tey, Great	7	Nil	2	1	4	2	1	1	1
Tey, Marks	15	13	16	1	11	3	Nil	8	3
Tiptree	7	Nil	3	1	3	1	Nil	2	1
Wigborough									
Great & Little	4	Nil	Nil	1	3	2	1	Nil	Nil
Wormingford	9	Nil	4	2	3	Nil	3	Nil	Nil
	199	31	58	18	154	49	34	71	39

WATER

The Colchester and District Water Board are responsible for the supply and distribution of water throughout the District except in the parish of Dedham which is supplied by the Tendring Hundred Waterworks Company Limited. The sampling of untreated water from the various sources of supply is carried out by the Water Board who have supplied copies of a typical analysis for inclusion in this report. Bacteriological samples of the treated mains water are submitted for examination by this Department from time to time.

All the samples of mains water sent for bacteriological examination were found to be satisfactory.

Mains water is available in all parishes in the District and 97% of the population are supplied with mains water.

ALDHAM AND DISTRICT WATER SUPPLY

CHEMICAL RESULTS IN PARTS PER MILLION

<u>Appearance</u> Clear and bright.	<u>Turbidity</u> Nil
<u>Colour</u> Nil	<u>Odour</u> Nil
<u>pH</u> 7.6	<u>Free Carbon Dioxide</u> 14
<u>Electric Conductivity</u> 1100	<u>Dissolved Solids dried at</u>
<u>Chlorine present as Chloride</u> 215	<u>180° C</u> 740
<u>Hardness:</u> Total 220	<u>Carbonate</u> 220 <u>Non-carbonate</u> 0
<u>Nitrate Nitrogen</u> 0.0	<u>Alkalinity as Calcium Carbonate</u> 275
<u>Ammoniacal Nitrogen</u> 0.63	<u>Nitrite Nitrogen</u> Absent
<u>Albuminoid Nitrogen</u> 0.00	<u>Oxygen Absorbed</u> 0.40
<u>Metals</u> Iron - 0.06	<u>Residual Chlorine</u> Absent
Zinc, Copper, Lead : Absent.	<u>Fluoride</u> : 2.5

BACTERIOLOGICAL RESULTS

	<u>1 day at</u> <u>37° C</u>	<u>2 days at</u> <u>37° C</u>	<u>3 days at</u> <u>20-22° C</u>
Number of colonies developing on Agar	- per ml	- per ml	- per ml
	<u>Present in</u>	<u>Absent from</u>	<u>Probable No.</u>
Presumptive Coliform reaction	- ml	- ml	- per 100 ml
Bact. Coli. (Type 1)	- ml	- ml	- per 100 ml
Cl. welchii reaction	- ml	- ml	

This sample is clear and bright in appearance, has a reaction on the alkaline side of neutrality and is free from metals apart from a very minute trace of iron. The water is hard in character but its hardness and its content of mineral and saline constituents in solution are not considered excessive. It conforms to the highest standard of organic quality.

These results indicate, from the aspect of the chemical analysis, a pure and wholesome water suitable for public supply purposes.

MOUNT BURES AND DISTRICT WATER SUPPLY

CHEMICAL RESULTS IN PARTS PER MILLION

<u>Appearance</u>	Very faint opalescence with particles.	<u>Turbidity</u>	1.5
<u>Colour</u>	Nil	<u>Odour</u>	Nil
<u>pH</u>	7.3	<u>Free Carbon Dioxide</u>	30
<u>Electric Conductivity</u>	820	<u>Dissolved Solids dried at 180° C</u>	590
<u>Chlorine present as Chloride</u>	106		
<u>Hardness :</u>	Total 320	Carbonate 285	Non-Carbonate 35
<u>Nitrate Nitrogen</u>	0.0	<u>Alkalinity as Calcium</u>	
<u>Ammoniacal Nitrogen</u>	0.26	<u>Carbonate</u>	285
<u>Albuminoid Nitrogen</u>	0.00	<u>Nitrite Nitrogen</u>	Absent
<u>Metals</u>	Iron - 0.16	<u>Permanganate Value</u>	0.00
	Zinc, Copper, Lead : Absent	<u>Residual Chlorine</u>	Absent

BACTERIOLOGICAL RESULTS

	<u>1 day at 37° C</u>	<u>2 days at 37° C</u>	<u>3 days at 20-22° C</u>
Number of colonies developing on Agar	- per ml	- per ml	- per ml
	<u>Present in</u>	<u>Absent from</u>	<u>Probable No.</u>
Presumptive Coliform reaction	- ml	- ml	- per 100 ml.
Bact. Coli.(Type 1)	- ml	- ml	- per 100 ml
Cl. Welchii reaction	- ml	- ml	

This sample is practically clear and bright in appearance, neutral in reaction and free from metals apart from a minute trace of iron. The water is very hard in character but its hardness and content of mineral and saline constituents in solution are not considered excessive. It conforms to the highest standard of organic quality.

DETAILS OF HOUSES AND CIVILIAN POPULATION

SUPPLIED WITH MAINS WATER

	Est. Civilian Popn.	No. of houses	Direct to house			From Standpipes		
			No. of houses	Est. Popn.	% Popn.	No. of houses	Est. Popn.	% Popn.
Abberton	186	75	72	176	94.6	2	6	3.2
Aldham	425	183	158	409	96.2	2	6	1.4
Bergholt, West	1,833	746	705	1719	93.8	37	94	5.1
Birch	694	266	253	652	93.9	11	36	5.5
Boxted	1,106	444	405	1065	96.3	7	20	1.8
Chappel	392	150	133	348	88.7	15	42	10.7
Colne, Wakes	393	150	117	320	81.4	21	68	17.3
Copford	950	345	333	918	96.6	6	17	1.8
Dedham	1,631	657	580	490	91.3	40	104	6.4
Donyland, East	1,548	614	599	1511	97.6	6	15	0.9
Eight Ash Green	1,199	443	409	1101	91.8	29	83	6.9
Fingringhoe	642	229	223	631	98.3	2	7	1.9
Fordham	637	262	248	602	94.5	8	28	4.4
Horkesley, Great	1,153	427	392	1089	94.4	15	52	4.5
Horkesley, Little	264	76	62	236	89.3	2	7	2.6
Langenhoe	191	69	64	182	95.3	2	7	3.6
Langham	821	317	279	796	96.9	1	3	0.4
Layer Breton	231	83	68	208	90	5	18	7.7
Layer-de-la-Haye	933	349	326	885	94.8	16	40	4.3
Layer Marney	207	72	69	201	97.1	1	3	1.4
Mersea, East	292	99	83	267	91.4	3	9	3.1
Messing-cum-Inworth	335	121	116	324	96.6	2	6	1.8
Mount Bures	169	68	66	165	97.6	-	-	-
Peldon	425	155	145	404	95.0	7	17	4.0
Salcot	151	67	55	143	94.7	10	30	19.8
Stanway	3,919	1393	1365	3797	96.8	21	53	1.3
Tey, Great	602	229	216	561	93.2	12	38	6.3
Tey, Marks	1,074	398	325	923	85.9	36	105	9.8
Tiptree	4,958	1925	1872	4529	91.4	15	37	0.7
Virley	46	14	13	43	93.4	1	3	6.5
Wigborough, Great and Little	207	80	71	180	86.9	6	19	9.2
Wormingford	306	110	96	260	84.9	11	33	10.7
	27,920	10,616	9,918	26,135	93.6	352	1,006	3.4

SEWERAGE

The villages of Tiptree, Stanway, West Bergholt, Rowhedge, Copford, Marks Tey, Eight Ash Green, Aldham, Fordham, Great Tey, Chappel, Wakes Colne, Wakes Colne Green, Great Horkesley, Messing, Fingringhoe, Abberton, Langenhoe, Peldon, Birch and Layer Breton are provided with sewers.

Sewage disposal works are provided at Tiptree, Dedham, West Bergholt, Fordham, Copford, Great Tey, Wakes Colne, Fingringhoe and Birch.

The sewage from the greater part of Stanway and Rowhedge is discharged into the Colchester Corporation Sewerage System.

Substantial progress was made during the year in the provision of sewers. Work was completed on the Fingringhoe, Abberton, Langenhoe and Peldon scheme and the Birch and Layer Breton Scheme and work was commenced on the Layer-de-la-Haye scheme.

Work is also in progress on the Salcott scheme and the extensions to the disposal works at Tiptree.

The schemes to serve Dedham Heath and Lamb Corner, Dedham, Wormingford, Langham, Boxted, Easthorpe, Great and Little Wigborough and the Blackheath area are at various stages of preparation.

The response from property owners in connecting their properties to the sewer when it becomes available continues to be quite good and a number of long standing drainage nuisances have been abated by provision of drainage to the sewer.

An increasing volume of work arises in the department in advising on and approving and testing alterations to existing drainage systems and this has to be given priority over other work.

ATMOSPHERIC POLLUTION

In conjunction with the Essex County Council a smoke/sulphur dioxide measuring instrument is operating at Little Horkesley reservoir. This forms a part of the National Survey of Air Pollution in Great Britain organised by the Air Pollution Division of the Ministry of Technology.

The instrument draws in a measured quantity of air from which information regarding the smoke and sulphur dioxide in the atmosphere is deduced.

This information is forwarded monthly to the Ministry of Technology.

POULTRY INSPECTION

There is one poultry processing premises within the district which processes hens.

From February 1967 all poultry at these premises has been inspected using the "spotter" system by which suspect birds are put out by an experienced operator for inspection by the Public Health Inspector who also does a routine check of the other birds.

Number of visits to premises	77
Total number of birds processed during the year	20,390
Total number of birds condemned during the year	772
Percentage of birds rejected as unfit for human consumption	3.8%

MEAT INSPECTION

There are two licensed slaughterhouses in the district, one at Dedham and the other at Boxted which serve the requirements of the respective owners. Both comply with the slaughterhouse construction regulations.

All animals slaughtered in the district have been inspected by a qualified Inspector for the past twenty years. The Meat Inspection Regulations, 1963, which came into operation on 1st October, 1963, require that all meat at slaughterhouses must be inspected before it is removed from the slaughterhouse. These regulations also prescribe the method of inspection to be carried out and require that all meat inspected and passed as fit for human consumption must be marked.

These requirements have been fully carried out despite the fact that a number of animals are regularly slaughtered on Saturday afternoon and evening each week.

Any unsound or diseased meat is either buried or removed from the premises under supervision for disposal at the local fat extraction plant.

MEAT AND OTHER FOODS

CARCASES AND OFFAL INSPECTED AND CONDEMNED
IN WHOLE OR IN PART DURING 1968

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	436	-	-	712	858	-
Number inspected	436	-	-	712	858	-
<u>All diseases except Tuberculosis and cystercerci</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	32	-	-	9	77	-
Percentage of the number inspected affected with disease other than tuberculosis and cystercerci	7.3%	-	-	1.3%	8.7%	-
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	-	-	-	-	6	-
Percentage of the number inspected affected with tuberculosis	-	-	-	-	0.7%	-
<u>Cysticercosis</u>						
Carcasses of which some part or organ was condemned	-	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

FOOD PREMISES

The majority of food premises are owner occupied and the owner is directly responsible for the running of the business. Standards of construction and hygiene are generally satisfactory and during the year frequent inspections have been made to all types of food premises. Conditions in some of the transport cafes still necessitate frequent inspection to ensure that sufficient attention is being given to hygiene and cleanliness.

Details are given below of the number of food premises in the district, subject to the Food Hygiene (General) Regulations, 1960, grouped in categories of trade carried on in them:-

Trade	Number of Premises	Fitted to comply with Reg. 16	Reg. 19 applies	Fitted to comply with Reg. 19
General	90	85	78	74
Bakers and Confectioners	9	9	8	7
Catering Premises	118	114	117	116
Butchers	14	14	14	13
Fishmongers	3	2	3	3
Brewers	1	1	1	1

Regulation 16 - Provision of wash hand basins.

Regulation 19 - Provision of sinks, or other facilities, for washing food and equipment.

FOOD CONDEMNED

	<u>Tons</u>	<u>Cwts.</u>	<u>Lbs.</u>
Meat at slaughterhouses		6	45
Meat at wholesale premises			17
Cooked meat and meat products			6
Canned meats	1	16	15
Other canned foods	4		75
Fish (fresh)			48
Other foods			82
TOTAL	6	4	64

REFUSE COLLECTION

A successful works study survey was carried out during the year, by members of the staff of this Department, which resulted in the complete reorganisation of one collection round and the partial reorganisation of the remaining four. It is hoped, during the first half of 1969, to have a trial of paper/polythene sacks as bin liners at the Council's new housing estate at Aldham. Five vehicles and fourteen men are employed on this service.

RODENT CONTROL

The Council employs one full time rodent operator who undertakes treatment of dwellinghouses upon request or when found to be infested with rats or mice following routine inspection.

Business premises are treated but a charge is made for labour and materials. The Council also undertakes the treatment of agricultural premises on a yearly contract basis.

Summary of Visits during 1968

	<u>No. of properties treated</u>	<u>No. of Visits</u>
Agricultural Premises	56	438
Other premises including domestic premises	463	761

In addition 21 wasp's nests were destroyed by the rodent operator during the year at premises within the district and two properties disinfected.

SUMMARY OF INSPECTIONS MADE DURING 1968

Premises inspected under Public Health Acts	1014
Reinspections under Public Health Acts	166
Premises inspected under Housing Acts	611
Reinspections under Housing Acts	664
Slaughterhouse inspections	166
Food and Drugs Act	156
Bakehouse inspections	4
Factories and Workshops	9
Appointments and interviews with property owners	203
Water samples taken for analysis	29
Rodent Control	1368
Moveable Dwellings	44
Refuse Collection	275
Petroleum installations inspected	29
Clean Air Act	67
Offices, Shops and Railway Premises Act	64
Diseases of Animals Act	5
Animal Boarding Establishments Act	13
Dairy Inspections	7
Small Dwellings Acquisition Acts	15
Poultry Processing Establishments	76
Civic Amenities Act	72
Noise Abatement Act	18
Road Numbering	4

FACTORIES ACT, 1961

Inspections have been made at the various factories and defects observed have been remedied. The following table gives details of work done.

Inspections for Purposes of Provisions as to Health (including inspections made by Public Health Inspectors)

Premises	No. on Register at 31.12.68.	Number of		
		Inspections	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by the Local Authority.	16	11	NIL	NIL
(ii) Factories not included in (i) in which Section 7 is enforced by the local authority	89	55	NIL	NIL
(iii) Other premises in which Section 7 is enforced by the local authority(excluding outworkers' premises)	18	5	NIL	NIL
TOTALS	123	71	NIL	NIL

Cases in which defects were found

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted.
	Found	Remedied	Referred to H.M. Inspec.	by H.M. Inspec.	
Want of cleanliness	NIL	NIL	NIL	NIL	NIL
Overcrowding	NIL	NIL	NIL	NIL	NIL
Unreasonable temperature	NIL	NIL	NIL	NIL	NIL
Inadequate ventilation	NIL	NIL	NIL	NIL	NIL

Cases in which defects were found (contd.)

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspec.	by H.M. Inspec.	
Ineffective drainage of floors	NIL	NIL	NIL	NIL	NIL
<u>Sanitary Conveniences</u>					
a) insufficient	2	2	NIL	2	NIL
b) unsuitable or defective	1	1	NIL	1	NIL
c) not separate for sexes	NIL	NIL	NIL	NIL	NIL
Other offences against the Act (not including offences relating to outwork).	1	1	NIL	NIL	NIL
TOTALS:	4	4	NIL	3	NIL

OUTWORK

Nature of Work	Section 137			Section 134		
	No. of out-workers in Aug. list	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in un-whole-some premises	Notices served	Prosecutions
<u>Wearing Apparel</u>						
Making etc.	14	NIL	NIL	NIL	NIL	NIL
Furniture & upholstery	NIL	NIL	NIL	NIL	NIL	NIL
TOTALS	14	NIL	NIL	NIL	NIL	NIL

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

All premises newly registered this year have received a general inspection.

Good progress has been made during the year on follow-up inspections of those premises where contraventions were found at the time of the general inspection.

During the earlier general inspections it was found that most occupiers were failing to display an abstract of the Act. It was therefore found convenient to purchase copies of the appropriate booklet in bulk and offer them for sale where necessary at the time of inspection. This has been found to be very acceptable by the occupiers of the premises concerned.

One accident was reported during the year. A female assistant at a butcher's shop strained her back when lifting a tray of sausages.

No prosecutions were instigated during the year.

<u>Class of Workplace</u>	<u>Total No. of premises regis- tered</u>	<u>No. of registered premises receiving general inspection during the year</u>	<u>No. of persons employed in registered premises</u>
Offices	17	4	64
Retail Shops	71	5	197
Wholesale Shops, Warehouses	5	1	88
Catering Estab- lishments, Canteen	17	4	64
Fuel Storage Depots	-	NIL	-
TOTALS	110	14	413
			Males 191
			Females 222

Number of visits of all kinds (including general inspections)
to registered premises 63

